
NEWS LETTER OF THE SOCIETY OF AMERICAN BACTERIOLOGISTS

Office of the Secretary-Treasurer

July 1942

Volume VIII, Number 3

1942 OFFICERS AND COUNCILORS

President: S. A. Waksman, Agr. Experiment Station, New Brunswick, N. J.
Past President: O. T. Avery, Rockefeller Institute, New York, New York
Vice President: Rebecca C. Lancefield, Rockefeller Institute, New York, N. Y.
Secretary-Treasurer: W. B. Sarles, University of Wisconsin, Madison, Wisconsin
Councilors-at-Large: I. M. Lewis, University of Texas, Austin, Texas

Councilors Elected by Local Branches:

R. H. Vaughn, Berkeley, Calif.--Northern California-Hawaiian
J. F. Kessel, Los Angeles, California--Southern California
George Valley, New Haven, Connecticut--Connecticut Valley
M. L. Laing, Chicago, Illinois--Illinois
P. S. Prickett, Evansville, Indiana--Indiana
P. R. Edwards, Lexington, Kentucky--Kentucky
C. A. Perry, Baltimore, Maryland--Maryland
M. H. Soule, Ann Arbor, Michigan--Michigan
L. R. Jones, St. Louis, Missouri--Eastern Missouri
N. R. Ziegler, Columbia, Missouri--Missouri Valley
Carl Ten Broeck, Princeton, New Jersey--New Jersey
Nicholas Kopeloff, New York, New York--New York City
W. A. Hagan, Ithaca, New York--Central New York
A. B. Wadsworth, Albany, New York--Eastern New York
W. M. Hale, Iowa City, Iowa--North Central
G. L. Stahly, Columbus, Ohio--Ohio
H. E. Morton, Philadelphia, Pa.--Eastern Pennsylvania
O. B. Williams, Austin, Texas--Texas
Sara E. Branham, Bethesda, Maryland--Washington

1942 DUES

If you have not yet received your February issue of the JOURNAL OF BACTERIOLOGY, it is probably because your 1942 dues have not been sent to the Secretary-Treasurer. The financial system under which the Society operates does not permit subscriptions of individual membership to be entered before dues are paid. There are 144 members whose membership dues for 1942 have not been paid.

ANNUAL MEETING

This year the annual meeting will be held at the Deschler-Wallack Hotel, Columbus, Ohio, on December 28-30. The committees in charge of arrangements for the annual meeting follow:

Program Committee:

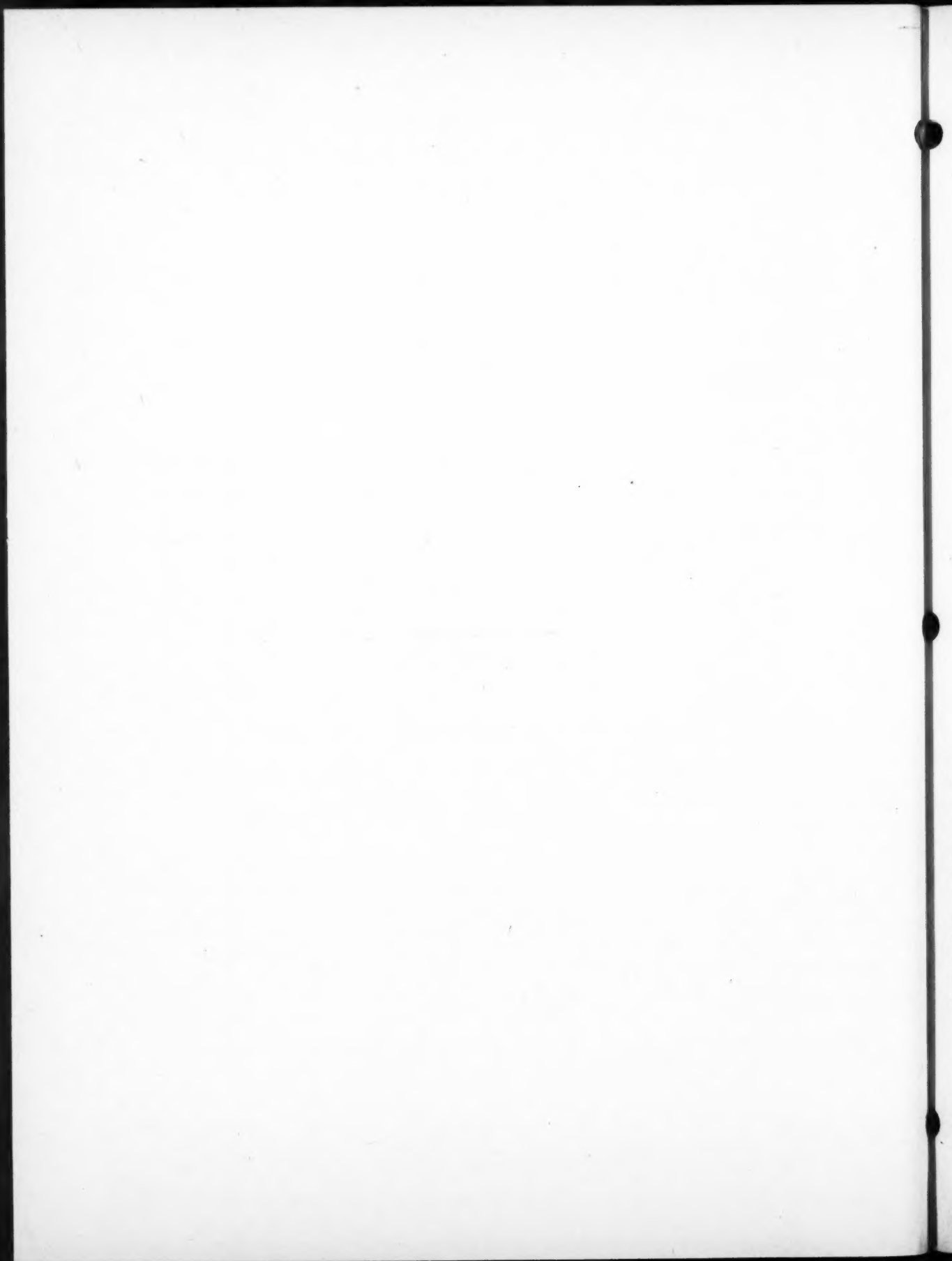
Dr. N. P. Hudson, Chairman
Dr. L. S. McClung, Vice Chmn

Publicity Committee

Dr. L. S. McClung,
Chairman

Local Committee in Charge
of Arrangements

Dr. W. A. Starin, Chmn



Division of Medical Bacteriology,
Immunology, and Comparative Pathology

Major O. C. Woolpert, Chairman
Dr. R. S. Muckenfuss, Vice Chairman
Dr. James Craigie, Sec.-Treas.

Division of Agricultural and Industrial
Bacteriology

Dr. R. P. Myers, Chairman
Dr. Elizabeth F. McCoy, Vice Chairman
Mr. R. P. Tittsler, Sec.-Treas.

REPORT OF THE NOMINATING COMMITTEE

Dr. A. T. Henrici, Chairman, and his Committee, Dr. O. T. Avery, Dr. J. H. Brown, Dr. R. E. Buchanan, Miss Alice C. Evans, Dr. K. F. Meyer, and Dr. L. F. Rettger, submit the following candidates for the 1943 officers of the Society:

<u>President</u>	Dr. Rebecca C. Lancefield, Rockefeller Institute, New York, New York
<u>Vice President</u> (1 to be elected)	Dr. I. L. Baldwin, University of Wisconsin, Madison, Wisconsin Dr. I. M. Lewis, University of Texas, Austin, Texas Professor E. G. D. Murray, McGill University, Montreal Canada
<u>Secretary-Treasurer</u>	Dr. W. B. Sarles, University of Wisconsin, Madison, Wisconsin
<u>Councilors-at-Large</u>	Dr. Martin Frobisher, Jr., Johns Hopkins School of Hygiene and Public Health, Baltimore, Maryland Dr. W. A. Hagan, 320 The Parkway, Ithaca, New York Dr. W. J. Nungester, University of Michigan, Ann Arbor, Michigan Professor C. B. VanNiel, Hopkins Marine Station, Pacific Grove, California

ELI LILLY AND COMPANY RESEARCH AWARD IN BACTERIOLOGY AND IMMUNOLOGY

In order that you may have ample time in which to consider making a nomination, we are calling to your attention the fact that Eli Lilly and Company is again offering a \$1,000.00 prize and a bronze medal to the young man or woman working in a college or university who, in the opinion of the Award Committee, has done the most outstanding work in the field of bacteriology or immunology. To be eligible for the award, the individual must not have passed his or her thirty-fifth birthday by April 30, 1942.

Information concerning the rules governing the award may be secured from the Secretary-Treasurer, University of Wisconsin, Madison, Wisconsin. Nominations must be in his hands before September 15, 1942. Organizations concerned with the administration of this award are the American Association of Immunologists, the American Society for Experimental Pathology, and the Society of American Bacteriologists. Members of the Committees are as follows:

Nominating Committee

Dr. E. B. Fred, Chairman
Dr. A. R. Dochez (A.S.E.P.)
Dr. R. J. Dubos
Dr. A. B. Wadsworth (A.A.I.)

Award Committee

Dr. S. A. Koser, Chairman
Dr. P. F. Clark
Dr. Karl Landsteiner (A.A.I.)
Dr. Carl TenBroeck (A.S.E.P.)

APPOINTMENTS BY THE PRESIDENT

Dr. W. W. Browne was appointed by Dr. S. A. Waksman to represent the Society at

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the inauguration of Dr. Harry Noble Wright as President of the College of the City of New York on Wednesday, September 30.

Dr. R. D. Reid was re-appointed to serve on the Committee on Teaching. Duties in the Sanitary Department of the Army Medical Corps made it necessary for Dr. Reid to resign as Chairman of this Committee.

Dr. A. B. Wadsworth has accepted an appointment to serve on the War Committee on Bacteriology. The other members of this Committee were listed in the April News Letter.

AUDIT REPORT

In accordance with the recommendation made at the 1941 meeting, the books of the Society have been audited by a firm of certified public accountants, McMurry, Smith and Company, Madison. The audit covered the three-year period from December 17, 1938, when the last audit was made, to December 13, 1941. The complete report and its accompanying tables are too detailed for inclusion in the News Letter; however, the Secretary-Treasurer has extra copies which he will be glad to lend to any members of the Society who may be interested.

The suggestion was made by the Auditors to establish a voucher system, and this has been done. The letter addressed to the Society and preceding the report states, "Receipts of the Society for the period audited were checked to, and found to agree with, the deposits appearing in the checking account and the savings account at the First National Bank. Withdrawals from the checking account were compared with, and reconciled to, disbursements shown by the books of the Society. Balances on deposit on December 13, 1941 at the First National Bank were verified by direct confirmation and reconciled to the corresponding balances shown by the books.

"On December 13, 1941 the Society of American Bacteriologists owned registered United States Treasury Bonds having a par value of \$23,000.00 and a market value of \$25,443.75.

"The United States Savings Bonds which the Society owned on December 13, 1941 were issued at \$2,250.00, and have a redemption value of \$2,505.00.

"These securities which are kept in a safety deposit box maintained by the Society at the First National Bank (West Branch) Madison, Wisconsin, were inspected on April 10, 1942.

"The net worth of the Society of American Bacteriologists increased from \$28,362.96 on December 17, 1938 to \$33,719.19 on December 13, 1941 as shown in the summary analysis of the Net Worth Account presented below:

Balance - December 17, 1938		\$28,362.96
Additions:		
Net Income 1939	\$ 587.57	
Net Income 1940	2,509.76	
Net Income 1941	<u>2,258.90</u>	<u>5,356.23</u>
Balance - December 13, 1941		<u>\$33,719.19</u>

Respectfully submitted, McMURRY, SMITH & COMPANY"

EMPLOYMENT BUREAU

"A considerable number of members of the Society of American Bacteriologists, as well as some non-members, are registered with the Employment Bureau. Openings frequently come to the attention of the Bureau and a special effort is being made to give them prompt attention. Anyone interested in filling a vacancy or in obtaining a position is urged to register with the Bureau and aid the usefulness of this

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service. Inquiries should be addressed to "Mr. Frank H. Johnson, Director, Department of Biology, Princeton, New Jersey."--Frank H. Johnson, Director

"NOTES"

"In response to a substantial demand from the membership of the Society, we are planning to include in each issue of the JOURNAL OF BACTERIOLOGY a special department for communications of less than five hundred words in length, for which the authors desire prompt publication.

"It is understood that such "Notes" must present the result of original research accompanied by adequate supporting evidence. In order to avoid delay, contributors should be careful to observe the bibliographical procedure which has been adopted by the Society. Proof of such articles will not be submitted to the authors, but will be read in the editorial office of the Journal. If reprints are desired, an order should accompany the original manuscript."--C.-E. A. Winslow

BIOLOGICAL ABSTRACTS

Mr. H. A. Anderson, Business Manager of BIOLOGICAL ABSTRACTS, informs us that he has received 36 new subscriptions from members of the Society as a result of the Business Reply Cards which were sent out with the April News Letter. You will remember that the Society has made an agreement with BIOLOGICAL ABSTRACTS whereby members of the Society may subscribe to Section C for \$1.00 less than the regular subscription price, namely, \$4.00 instead of \$5.00. Send your subscription orders to BIOLOGICAL ABSTRACTS, University of Pennsylvania, Philadelphia, Pennsylvania.

The Secretary-Treasurer has a number of back volumes of BIOLOGICAL ABSTRACTS for the years 1939 and 1940. These can be furnished to new subscribers to Section C at one-half the regular price, or \$2.00 per volume. Send orders for these to the Secretary-Treasurer, University of Wisconsin, Madison, Wisconsin.

LOCAL BRANCH NEWS

(Notes from the Secretaries)

Northern California-Hawaiian Branch: "The Branch met at the Department of Bacteriology and Experimental Pathology, Stanford University, on April 25. A tour of the laboratory was followed by an informal meeting and an excellent barbecue dinner served by Dr. E. W. Schultz, Head of the Department, at his home.

"New Officers of the Branch for the coming biennium were elected as follows:

Chairman - Dr. Charles E. Clifton

Secretary-Treasurer - Dr. Charles E. Smith

Councilor Elected by local branch - Dr. Reese H. Vaughn"--M. S. Marshall

Connecticut Valley Branch: "The spring meeting was held at the University of Connecticut, Storrs, on May 2. Presentation of papers:

'The effect of incubation temperature upon certain organisms cultured in cream', Elizabeth D. Robinton.

'The decrease in bactericidal activity of disinfectants of the quaternary ammonium type in the presence of agar' and 'The use of filter paper in an improved method for testing fungicides', Marion B. Sherwood.

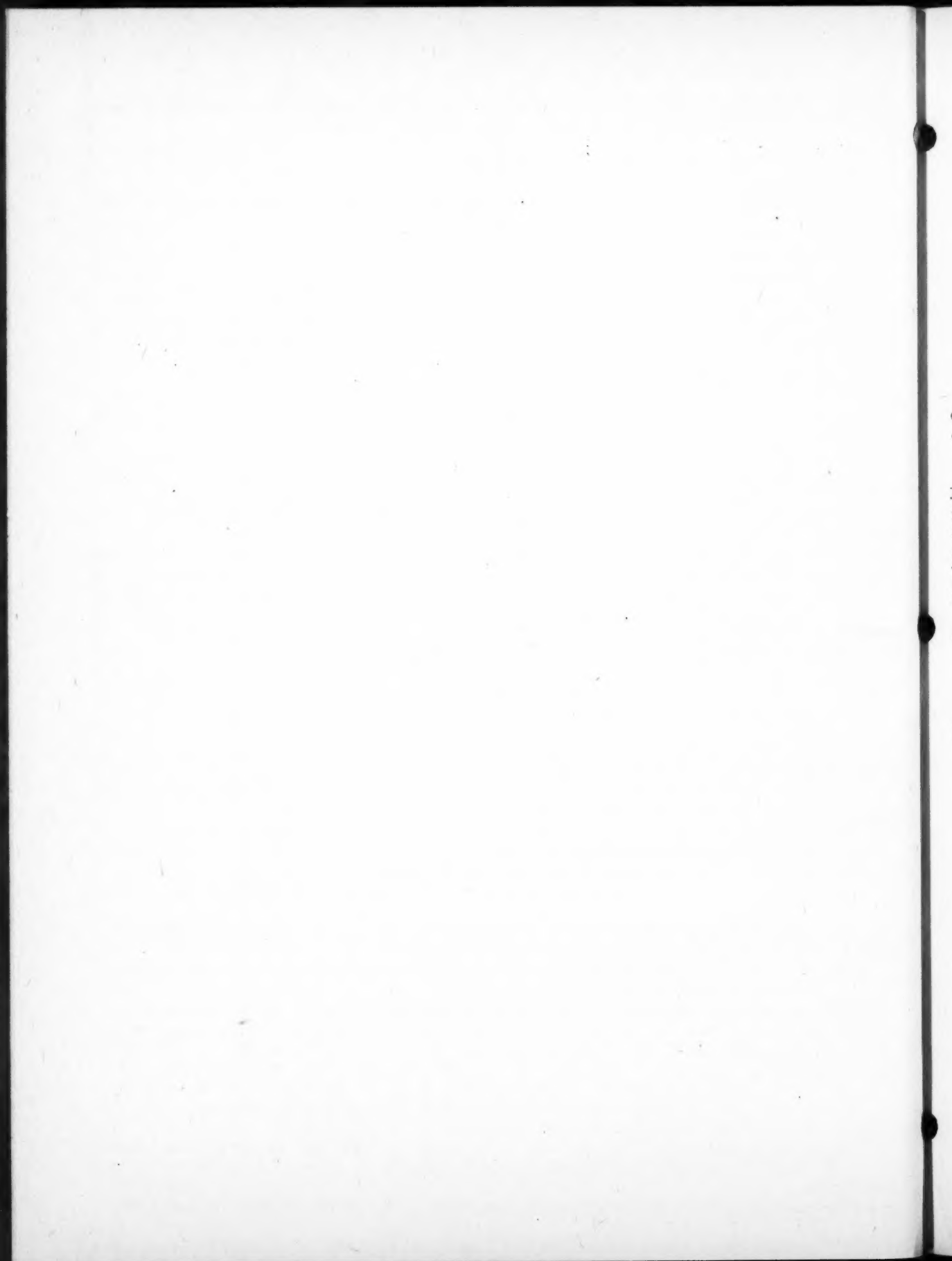
'Respiratory enzymes in relation to gaseous environments', Robert D. Muir.

'An acetyl-choline producing enterococcus', G. J. Scheff and R. L. Kuehner.

'Streptococcus agalactiae agglutinins in bovine blood serum and whey', W. N. Plastridge and Lorna E. Cunningham.

'Streptobacillus moniliformis, its associated L₁ form, and other pleuropneumonia-like organisms', Cynthia H. Pierce"--Cynthia H. Pierce

Indiana Branch: "Program of meeting at University of Notre Dame on April 18:



'The comparative response of young and adult animals and fowls to certain viruses applied to the injured skin', Edward Foley.
 'The contrasting terminology of medical and botanical mycology', C. L. Porter.
 'A preliminary study of the bacteriology of a single case of chronic pyelitis over a year period', Josephine Cook.
 'The effect of peptone and p-aminobenzoic acid on the growth of salmonella', S. E. Hartsell.
 'Use of tungsten needles in single cell isolation', P. C. Trexler.
 'Cytological changes occurring in Glutridium pasteurianum during spore formation', J. L. Roberts.
 'A preliminary report upon thermophilic bacteria decomposing cellulose under aerobic conditions', H. C. Murray.
 'Preliminary report on the rearing of a caesarian born Macacus rhesus under sterile conditions', J. A. Reyniers.
 'The use of synthetic diets for rearing guinea pigs', James Casper.
 "Following this program there was a tour of the laboratories with demonstrations of germ-free apparatus, micrurgical equipment, etc., and an informal dinner in the cafeteria. A brief business session preceded the formal program."--P. A. Tetrault

Maryland Branch: "A dinner meeting of the Branch was held on March 26, at the Pine Room of the Belvedere Hotel. Dr. Barnett Cohen gave a report of the money left from the convention fund and made certain recommendations as to its use. There was \$795.45 left. The following were adopted: 1) To appropriate necessary funds for out-of-town speakers. 2) To provide a prize for the best paper submitted by a young bacteriologist. 3) To instruct the treasurer to invest a portion of the money in U. S. Defense Bonds.

"The scientific program consisted of two lectures, the first one illustrated by lantern slides:

'Studies on diphtheria', Martin Frohisher, Jr.

'Blood typing', Milton Sachs."--Katharine E. Welsh

"Another dinner meeting of the Branch was held in the Hopkins Room, Sears Roebuck Community House, on June 4. The scientific program consisted of two illustrated lectures.

'Bovine mastitis - its etiology and treatment', James Kakavas.

'A thermophilic bacillus which produces false positive phosphatase tests in pasteurized milk', T. C. Buck."--Katherine E. Welsh

Michigan Branch: "The annual meeting was held on May 13 in the new Dental wing of Kellogg Auditorium, University of Michigan, Ann Arbor. The program follows:

'A microscopic technique for determining bacteria count of egg meats', W. L. Mallmann; Elbert Churchill.

'A comparison of methods used on obtaining the optimal proportion of antigen in the determination of pneumococci antibody nitrogen', C. Dale Barrett.

'The use of potassium selenite medium for the culture of pneumococci', J. A. Kasper; Irene E. Baisley; Norma Broom.

'Antipertussis serum', Don Mathieson."--Elizabeth J. Cope

Eastern Missouri Branch: "The midyear meeting of the Branch was held January 13, at the Jewish Hospital. The officers elected were as follows:

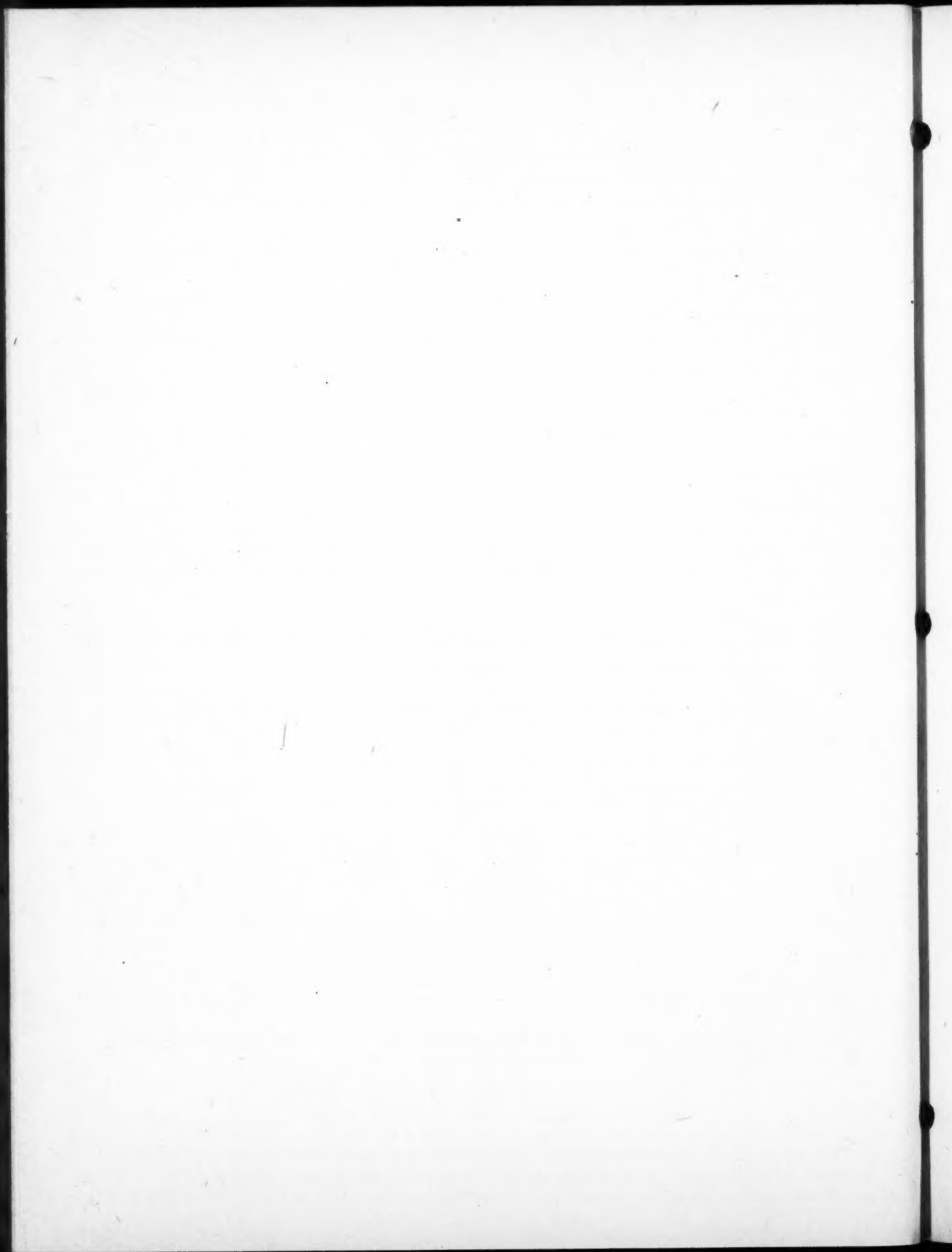
President Dr. Phillip L. Varney

Vice President. . . Dr. Jane Burns Hershey

Secretary-Treas. . Miss Margaret McGrath

Councilor Dr. Lloyd R. Jones

"The speaker of the evening was Dr. Henry Pinkerton of St. Louis University, Department of Pathology, who gave a talk 'Rickettsial diseases with particular references to classification and laboratory diagnosis'. The staff of the Jewish Hospital



Laboratory served light refreshments.

"The next meeting of our Branch will be April 14, at the Bevo Building of the Anheuser-Busch Company."--Margaret K. McGrath

Missouri Valley Branch: "We had a splendid meeting at the University of Nebraska on May 2, some 50 odd registered and about 75 attended our sessions. Seventeen papers were on the program, the most we ever had--

'Comparative study of media used for the isolation of oral streptococci', K. D. Rose and Carl E. Georgi.

'The influence of microorganisms and biological products on the physical properties of a loessial soil', T. M. McCalla.

'The heat resistance of mixed cultures of Streptococcus thermophilus and certain caseolytic bacteria', H. J. Peppler.

'A study of certain factors which influence the apparent heat resistance of bacteria', F. E. Nelson.

'Growth of non-sporulating anaerobic bacteria of intestinal origin in synthetic media, II. Essential components and additional growth stimulants', Don H. Larsen and Keith H. Lewis.

Bacterium necrophorus septicemia in man', V. B. Buhler, C. W. Seeley and Dorothy Dixon.

'Galacturonic acid, a constituent of a bacterial gum', C. E. Georgi, K. B. McCall and W. E. Militzer.

'Bacteriological study of machine and handwashing dishes at Haskell Institute', H. G. Nelson.

'Preliminary report on a survey to determine the bacteriological condition of utensils in the service of food', Evan Wright, Flora Acton and C. A. Hunter.

'Utilization of twenty-one commercial peptones by certain aerobic and facultative bacteria', Margaret McMaster and Carl E. Georgi.

'The composition of culture media as it affects the fermentation characteristics of Corynebacterium', Harle Barrett, Flora Acton and C. A. Hunter.

'The effect of gramicidin on various bacteria', Cora H. Downs.

'Serological reactions on rabbits infected with T. pallidum', Carolyn Collins.

'The 1941 intrastate evaluation study on the performance of serodiagnostic tests for syphilis', C. A. Hunter and Frank Victor.

'An attempt to demonstrate a virus as the cause of mastitis in cattle', L. D. Bushnell.

'Infection of the chorio-allantoic membrane with certain bacteria', Seymour Kalter.

'Demonstration of the titration of various viruses on chorio-allantoic membranes', Jean Rubbra, Carolyn Collins and Seymour Kalter.

"The banquet speaker was Dr. L. M. Van Es, Director, Department of Animal Pathology and Hygiene, University of Nebraska. The officers elected at this meeting are as follows: Dr. Carl E. Georgi, President; Dr. J. Ralph Wells, Vice President; Dr. Charles A. Hunter, Secretary-Treasurer; Dr. N. R. Ziegler, Councilor; Dr. H. J. Peppler, representative on the Membership Committee of the Parent Society; Dr. Keith H. Lewis, Chairman of the Archives Committee."--C. A. Hunter

New Jersey Branch: "On May 16 a joint meeting of the Theobald Smith Society (New Jersey Branch) with the New York Branch of the Society was held in Princeton. Following the meeting a picnic dinner was attended by more than one hundred members and guests. The program of the meeting was as follows:

'The effect of certain carcinogenic hydrocarbons on the growth rate of Escherichia coli and Staphylococcus aureus', G. D. Novelli.

'Remarks concerning some recent developments in bacterial metabolism', J. H. Quastel.

'The effects of detergents on proteins, viruses, and bacteria', M. L. Anson.

"Short discussions following Dr. Anson's paper were given by F. C. Schmellkes, E. I. Valko, and L. Reiner.



'Clinical, physical, and immunological properties of egg albumin denatured in various ways', C. F. MacPherson, Michael Heidelberger, and D. Moore.

'Epidemic kerato conjunctivitis', Murray Sanders.

"According to the results of a recent election, the officers of the Theobald Smith Society for the coming year will be as follows: President, Dr. L. O. Kunkel; Vice President, Professor J. A. Anderson; Secretary-Treasurer, Dr. F. H. Johnson."-- F. H. Johnson

Eastern New York Branch: "The spring meeting of the Branch was held at the Rensselaer Polytechnic Institute, Troy, on April 17. The program follows:

'Hemolytic streptococci of serologic Group E', Julia M. Coffey.

'Modification of Holden's gasometric method for determination of carbon dioxide formed by yeast action and application to sugars in various combinations in biological media', W. R. Thompson.

'A simple system of quantitative ultrafiltration in chemical analysis', W. R. Thompson and J. J. Quigley.

'Laboratory aids for the diagnosis of tuberculosis in the general hospital', Helen Andrews.

'Sulfonamide-inhibitor-free media for pneumococci. Preliminary report', J. K. Miller.

'Experiments with collodion sacs on inhibition of bacterial growth in vitro', A. H. Harris.

'Pharmacology of sulfonamides', D. R. Climenko.

"Forty members and guests attended the dinner served in the Dining Hall, and approximately 75 were present for the meeting.

"Officers of the Branch: Harold W. Lyall, Chairman; Esther C. Hendee, Vice Chairman; John K. Miller, Secretary-Treasurer. Council: A. B. Wadsworth, Councilor to the Parent Society; Elizabeth Maltaner; A. W. Bray."--John K. Miller

North Central Branch: "The fifteenth semiannual meeting was held in Science Hall, Iowa State College, Ames, on May 8 and 9. Dean H. V. Gaskill gave the welcome address at the dinner in the Memorial Union. The speaker was Professor A. M. Lucas, and his subject was 'Effects of viruses on animal cells'. The scientific session follows:

'Histologic adaptation of the fox encephalitis virus', R. G. Green and J. C. Barton.

'Microdiplococci in filtrates of natural and experimental poliomyelitic virus as revealed unstained by the electron microscope and, after special staining, by the light microscope', Edward C. Rosenow.

'Streptococcic antibody, antigen reactions of the skin and serum of Macacus rhesus monkeys during attacks of experimental 'virus' poliomyelitis', Edward C. Rosenow.

'Preliminary survey of leptospirosis in Minnesota', Abe Stavitsky.

'Effect of nitrogen source on apparent acid production from carbon compounds by the genus Pseudomonas', Richard Bender and Max Levine.

'The disinfection of trout eggs contaminated with Bacterium salmonicida', L. L. Gee and W. B. Sarles.

'A comparison of media for detection of coli-aerogenes organisms in raw milk', C. E. Skinner and R. M. Marwin.

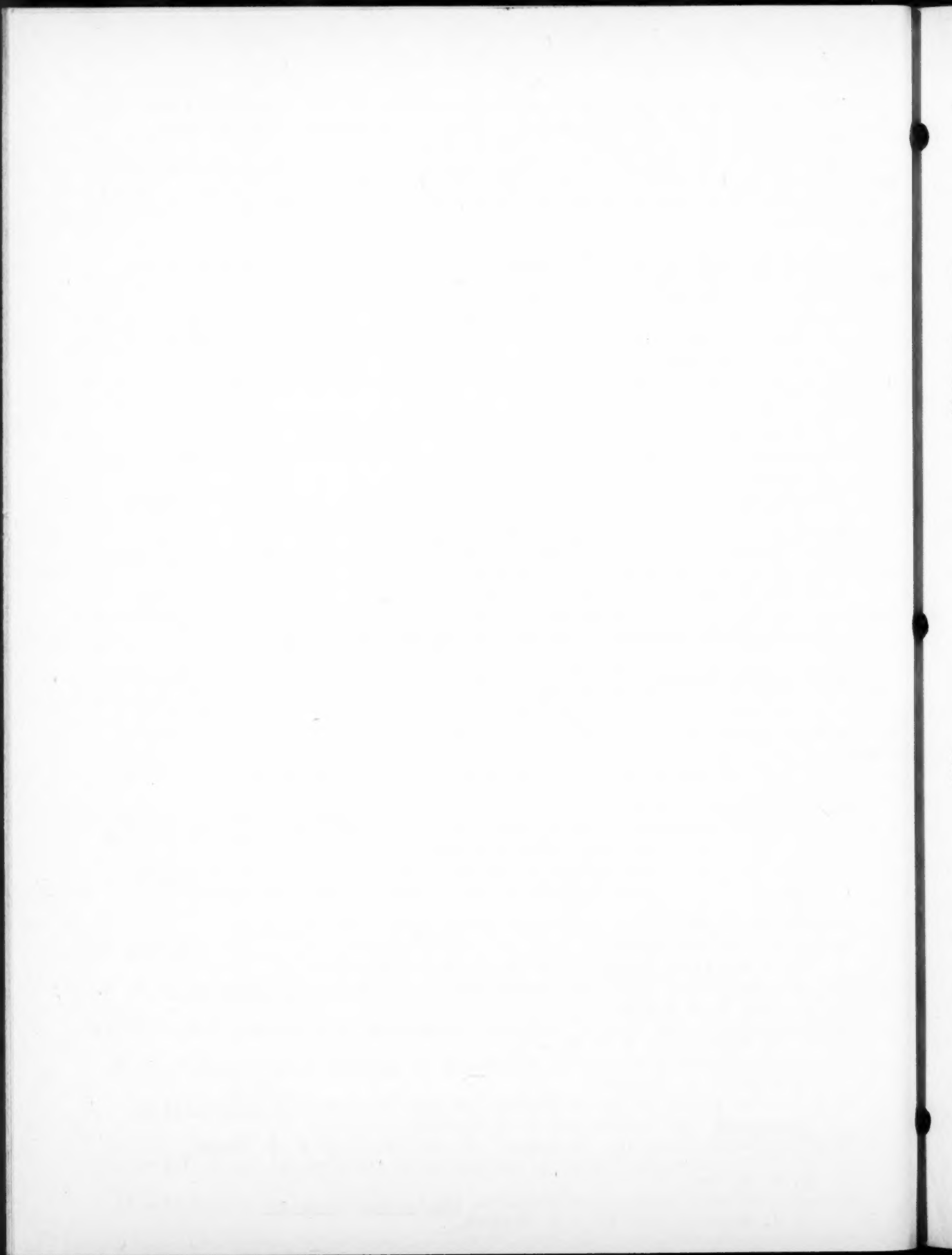
'Observations on bacteriological conditions of creamery water supplies', H. F. Long and R. J. Corley.

'Influence of growth at low temperature on heat resistance of Lactobacillus bulgaricus', J. G. Voss and W. C. Frazier.

'Observations on some soil cytophagas', W. H. Fuller and A. G. Norman.

'Hydroxylamine as an inhibitor for oxidations by Azotobacter', J. B. Wilson and P. W. Wilson.

'Pyruvic acid dissimilation by cell-free Clostridium butylicum preparations', H. J. Koepsell and Marvin J. Johnson.



'Anaerobic dissimilation of pyruvate by a cell-free juice of Escherichia coli', George Kalnitsky and C. H. Werkman.

'Fixation of heavy carbon acetaldehyde by active juices', Noel H. Gross, H. G. Wood, and C. H. Werkman.

'Bacterial oxidation of 2, 3-butylene glycol', David Paretsky, H. G. Wood, and C. H. Werkman.

'A fermentation vessel for thermogenic studies with pure culture', W. V. Bartholomew and A. G. Norman.

"The results of the election of officers is as follows: President, Dr. R. G. Green; Vice President, Dr. P. W. Wilson; Secretary-Treasurer, Dr. C. E. Skinner; Councilor, Dr. W. M. Hale."--H. G. Wood

Ohio Branch: "The spring meeting was held on May 9 in the Chemistry Building of Ohio State University. New Officers of the Branch are G. L. Stahly, President, and J. M. Birkeland, Secretary-Treasurer. Professor R. C. Osborn was the speaker after dinner in Pomerene Hall. His subject was 'The role of speculation in research'. The program follows:

'Machine-rolled stoppers for culture tubes', H. W. Batchelor.

'Methods of quantitative estimation of air-borne bacteria in rooms and incubators', A. R. Winter and G. F. Godfrey.

'Nutritional requirements for growth of Leuconostoc mesenteroides', Sidney Gaines and G. L. Stahly.

'Meningoencephalitis in man caused by the virus of Lymphogranuloma venereum', A. B. Sabin and Isaac Ruchman.

'Poliomyelitis in Cuyahoga County, Ohio, in 1941', M. Kramer, J. A. Toomey, H. J. Knapp, and J. A. Doull.

'Heat inactivation of myxoma virus', L. H. Bronson and R. F. Parker.

'Vaccine prophylaxis against tularemia', William Hesselbrock.

'Immunologic specificity of a histamine-azo-protein conjugate', S. B. Rosenman and W. A. Starin.

'Spontaneous and experimental infections in vitamin-B deficient monkeys', Samuel Saslaw, J. L. Schwab, O. C. Woolpert, and H. E. Wilson."--J. M. Birkeland

Eastern Pennsylvania Branch: "One hundred seventy-six members and guests were present at the April 28 meeting in the Philadelphia County Medical Society Building, Philadelphia. It was a very instructive and enjoyable program. The program follows:

'A simple tube battery for use in bacterial air analysis', W. F. Wells.

'The Boerner-Lukens Wassermann test with spinal fluid with special reference to the use of egg albumin', Fred Boerner, Marguerite Lukens, and Alice Ellis.

'The Boerner-Jones-Lukens macroflocculation test with spinal fluid', Fred Boerner, Marguerite Lukens, and Alice Ellis.

'Spirochetal antigens in the serum diagnosis of syphilis', J. A. Kolmer.

"A moving picture, 'A lecture on the spirochetes', prepared by Theodor Rosebury, and shown by H. E. Morton.

"Seventy-three members and guests attended our last meeting for the current season to hear Dr. Waksman's address, 'The production of antibiotic agents by micro-organisms and its significance in natural processes'.

"The season just ending has been a very successful one. An average attendance of 103 throughout the season is the best in the history of the Society."--H. E. Morton

Texas Branch: "With a few more than 100 persons attending the spring meeting on May 2 at the University of Texas, Galveston, we feel that we had a reasonably successful meeting. Following a banquet in one of the dining rooms along the gulf, a business session was held at which the adoption of a constitution and the election of officers for the following year were items considered. The officers chosen are:

Dr. I. M. Lewis, President
Dr. S. W. Bohls, Vice President
Mrs. E. B. M. Cook, Treasurer

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Dr. Gordon Worley, Secretary
Dr. O. B. Williams, Councilor and
Membership Committee Representative

"The scientific program follows:

- 'Some aspects of nutritional variation of the gonococcus', C. E. Lankford.
- 'Nicotinamide-containing nutritives for Hemophilus influenzae', Wendell Ginrich and Fritz Schlenk.
- 'Accessory growth factor requirements of Brucella', N. B. McCullough and Leo A. Dick.
- 'Newer knowledge of virus encephalitides in Texas', J. V. Irons, S. W. Bohls, and Dorothy Albert.
- 'Distribution of vectors and spirochetes of relapsing fever in Texas', J. L. McGregor, and A. K. Mayes.
- 'Preliminary report on investigations of endemic typhus in Texas', L. Anigstein and M. N. Bader.
- 'Organisms found in cases of acute ophthalmia', C. A. Parker.
- 'Differential diagnosis of yellow fever, epidemic jaundice, and Weil's disease', A. Packchanian.
- 'A case report of coccidioidal granuloma', L. J. Peters.
- 'The incidence of parasitic fungi in Galveston', Mildred B. John.
- 'Notes on fungus serology', W. B. Sharp.
- 'Factors affecting the activity of Pseudomonas-Phytomonas fluorescent bacteria in soil', R. B. Mitchell and F. E. Clark.
- 'Antibiosis in the elimination of Phymatotrichum omnivorum sclerotia from soil', F. E. Clark and R. B. Mitchell.
- 'A new staining procedure for the Brucella opsonocytaphagic test', Leo A. Dick and N. B. McCullough.
- 'The glanders organism with reference to cell inclusions', Gordon Worley and Gerald Young."—Gordon Worley

Virginia Branch: "Our Spring meeting was held May 7, 8, and 9 at Roanoke, Virginia, in affiliation with the Virginia Academy of Science. The program follows:

- 'Streptococci resistant to sulfonamide therapy', G. M. Lawson.
- 'A study of some physiological reactions of lower organisms to para-amino-benzoic acid', E. M. Lavor, F. F. Ferguson, and V. Van Alderman.
- 'Further notes on the reactions of certain lower organisms to the sulfonamide drugs', E. M. Lavor and F. F. Ferguson.
- 'A simplified method for anaerobic plate cultures', W. E. Bray and Jeanette S. Carter.
- 'Human infection caused by Salmonella San Diego', W. E. Bray.
- 'Cultural studies of staphylococci isolated from shellfish', Herbert Birta, Velma Brewington, Alethia Greene, William Quivers, and Lilly Riddick.
- 'Quantitative determinations of myxoma virus in nasal washings, blood, feces, and urine and their relations to transmissibility', R. B. Houlihan and G. M. Lawson.
- 'Kodachrome photomicrography', K. B. Grim.
- 'Human plasma and blood transfusions', Lt. Commander Shawlker.
- 'Negro health problems and national defense', T. W. Turner.
- 'War aspects of the pollution problem', L. A. Sandholzer.
- 'Stream ecology and available food', L. I. Katz.
- 'Dissemination of Bacillus anthracis', F. S. Orcutt.
- 'Comparison of total bacterial plate counts of soils accurate only after deflocculation of samples', F. S. Orcutt and A. B. Stuart.
- 'The possibility of false interpretations in tests for acid production from carbohydrates due to peptone decomposition', F. S. Orcutt and L. A. Mutting.
- 'Physiological differentiation of members of the Bacillus mesentericus group', W. B. Coffee and F. S. Orcutt.
- 'Comparison of methods for the detection of coliform bacteria in milk', L. A. Sandholzer, A. Walker and M. Strong."—R. B. Houlihan

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Washington Branch: "The one hundred and twenty-sixth meeting was held April 28 at Georgetown University School of Medicine. Program:
'The bacteriological work of John Tyndall', M. C. Leikind.
'Coccidiomycosis', C. W. Emmons.
'Reclamation of used agar', H. I. Thaller.
"The officers of the Washington Branch for the year 1942-43 are: President, Dr. A. B. Crawford; Vice President, Dr. Ida A. Bengtson; Secretary-Treasurer, Dr. A. M. Griffin; Executive Committee, Dr. J. D. Aronson, Dr. F. C. Greaves, Dr. W. A. Randall!
--Margaret Pittman

BOOK REVIEWS

THE MICROBES CHALLENGE. Frederick Ebersson. Jacques Cattell Press, Lancaster (1941) 354 pages. \$3.50

"The recent cosmic conditions seem to have favored the publication of books that aim to present to the layman the role of microorganisms in the biology of the world, and since man, in his own estimate at least, is the chief unit in that biology, the emphasis in this and in most of the books prepared for the lay audience is on the direct effect of microorganisms regarding the comfort, the health, and the life of man. Microorganisms play much more important and essential roles in nature than those that relate to disease in man, or in his domesticated animals. However, the parts they play in the tragedies of life are the most dramatic, and most appealing to the run-of-the-mine reader.

"Dr. Ebersson's wide experience in studying and combatting transmissible disease in the Orient and in different parts of this country supplied a background for an interesting story, well told, of the gradual development of our knowledge as to how microorganisms attack us, and as to how we can counter attack. The challenge of some has been so successfully met that only mopping-up operations remain. Everyone likes to read of the victories of his side in any struggle.

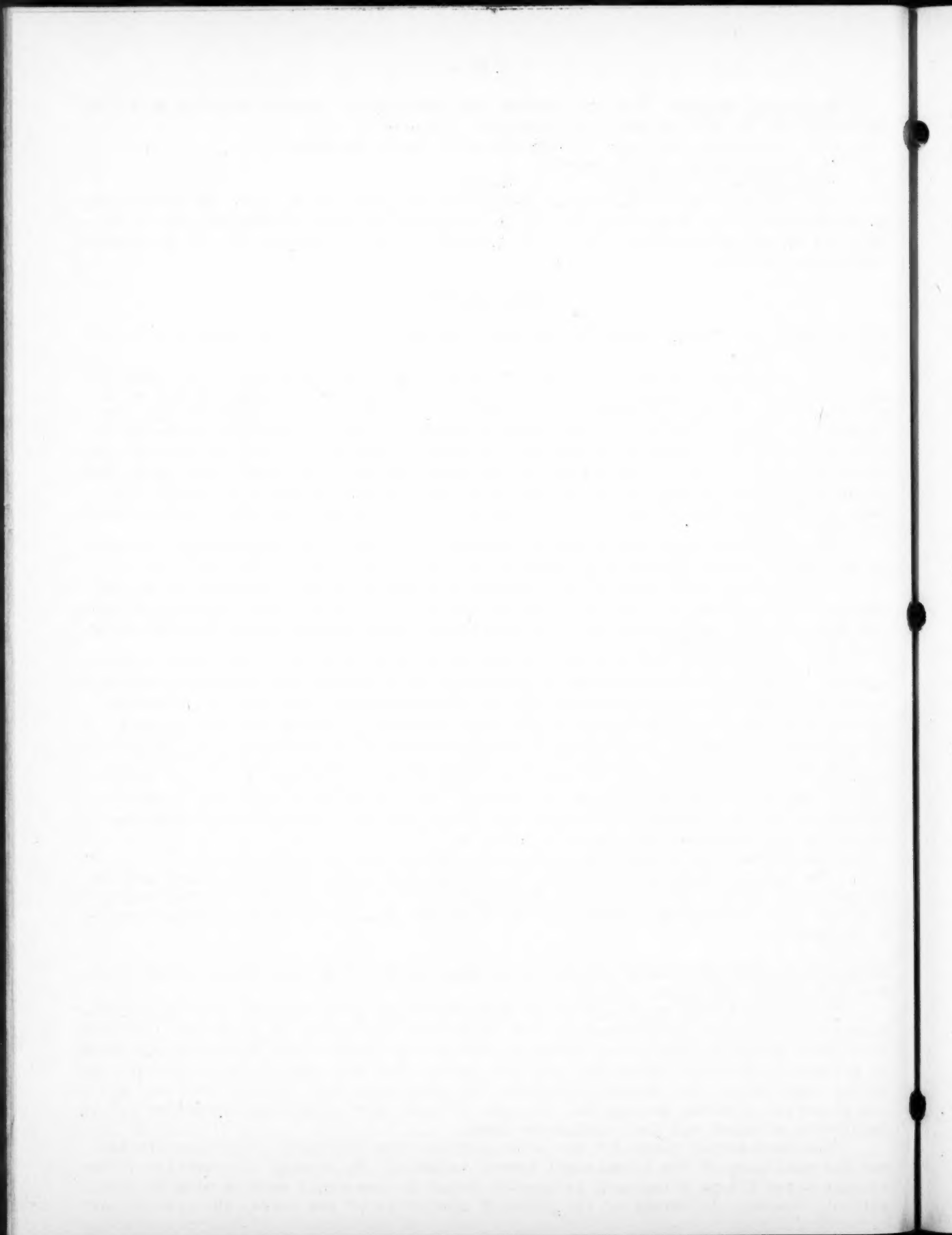
"One may question the attention to detail in certain fields. The usual reader will not be too much interested in a discussion as to whether the tubercle bacillus is branched or not, or in the changeability of microorganisms. One may also question some of the suggested readings in a book that supplies a glossary for its readers. He who attempts to digest 'The Biology of the Pneumococcus' or Landsteiner's 'Specificity of Serological Reactions' will need more than a glossary to make much interesting progress. The 'Autobiography of Edward L. Trudeau' will probably prove more interesting, and Zinsser's 'Rats, Lice and History' more interesting than his 'Immunity Principles and Application in Medicine and Public Health'. The former is not mentioned in the suggested reading; the latter is.

"Dr. Ebersson has prepared an interesting story, and the publisher has done a good job. The book presents an attractive and easily read page, large deep black letters on pure dull white. Two plates and two figures in the text comprise the illustrations a relief from meaningless pictures found in so many popular books on microbiology."--
E. G. Hastings

NEURAL MECHANISMS IN POLIOMYELITIS. H. A. Howe and David Bodian. Commonwealth Fund, New York (1942) 244 pages. \$3.50

"This interesting monograph on the broader neurological aspects of poliomyelitis, embodies a series of investigations, the extent and importance of which make desirable this presentation in book form, although most of the observations have been published in scientific journals during the past few years. The well planned and skilfully executed experiments, the cogent reasoning, the large number of animals involved, the use of serial sections and special staining methods, give excellent foundation for the hypotheses advanced and the conclusions drawn.

"The neurotropic nature of the poliomyelitis virus has again been demonstrated and the mechanism of the intraneural spread analyzed. By causing degeneration of the sciatic nerve fibers peripheral to a point frozen by momentary contact with CO₂ ice, without, however, interrupting the physical continuity of the nerve, the authors have



shown the necessity of living nerve fibers for the transmission of the virus along the nerve. After regeneration has occurred, transmission of the virus can again be demonstrated. Repeated transection or successive freezing of the nerve, renders the anatomically intact fibers of the central stump incapable of transmitting the virus to the central nervous system during the regenerative processes. Later, after at least two months, when considerable regeneration has been completed, inoculation of the central stump again permits the passage of the virus and the production of the disease. The rate of progression of the virus in the intact sciatic nerve is approximately 214 mm. per hour.

"By experimental operative procedures and the use of different inoculation portals, Howe and Bodian confirm and amplify earlier work of Fairbrother and Hurst and others showing that the mesodermal-glial response in experimental poliomyelitis is secondary to the action of the virus on susceptible neurons, suggesting strongly that the virus is not only neurotropic but neuronotropic.

"The problem of the portal of entry of the virus is approached through the use of a species closely related to man, the chimpanzee, and the employment of fresh human virus in stools from acute cases. The authors found that the chimpanzee has a larger variety of 'natural' portals than have the more commonly used monkeys. Infection was readily effected by the olfactory route, by intra-oral inoculation and by stomach tube. Lesions in the olfactory bulbs occurred only in the animals receiving intranasal inoculations. Virus was found in the stools of the chimpanzee as regularly as in man; and by histological studies, the sympathetic pathways were implicated as the possible route from the gut to the spinal cord. In thirteen human cases studied, no lesions were found involving the olfactory portal, thus confirming the findings of Harbitz and Scheel, Sabin and Ward and others, and emphasizing the rareness of this portal in human poliomyelitis.

"In the experimental monkeys (mostly M. Mulatta) the authors found evidence that the virus can spread along nerve pathways without producing demonstrable morphological alterations and that many nerve cells may be destroyed without producing clinically apparent functional loss.

"Studies with both homologous and heterologous strains of virus showed that second attacks of the disease could be induced quite regularly in recovered animals by using routes of injection which would bring the virus into contact with nervous tissue not involved in the earlier attack. The authors suggest that immunity to poliomyelitis in man is not the result of immunization of the nervous system, but rather of some process which prevents infective quantities of the virus from reaching nervous tissue.

"Both the typography and the mechanical arrangement of the book are excellent. The reviewer regrets that most of the photomicrographs are made with such low magnification (X5 to X20 or 30); additional photographs of portions of the same areas are only occasionally given with higher magnification.

"All persons interested in the immediate field covered or in the pathogenesis of other virus infections of the central nervous system will need to read this admirable treatise with its sharp analysis of virus-host relationships."--P. F. Clark

WILLIAM HENRY WELCH AND THE HEROIC AGE OF AMERICAN MEDICINE. Simon Flexner and J. T. Flexner. The Viking Press, New York (1941) 539 pages. \$3.75

"The authors are to be congratulated on having written for the general reader, as the authors state, and for the bacteriologist and the medical man a most interesting book.

"The Welch family was a medical one, his father mixed his medicine by taste. The young man planned to be a teacher of Greek, but was happily switched on to a medical track which was to be followed to the end of his life. He became the most influential medical man of his country and of his period, the Heroic Age of American Medicine. His influence was that of a teacher, his pupils were the greatest satisfaction of his life. He spoke with pride of having trained and sent out three assistants in his first three years at Johns Hopkins. His research life was short but fruitful. Apparently every aspect of his personality tended to make him a teacher; rather than a

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physician or a researcher. He enjoyed life, would smoke anything that would burn, ate two desserts and sometimes more, ate 4,000-year-old eggs in China, urged Dr. Councilman to cut his lecture short to see a baseball game, liked music and painting, and refused to follow health rules that he listed for others. 'I break everyone of them and am perfectly well, although my anterior-posterior measurement is large.'

"Dr. Welch had honorary degrees from sixteen American Institutions, thought six enough to satisfy the most voracious appetite for such honors. He was a charter member of the Society of American Bacteriologists, its second president, and later an honorary member, a fact that seems to have eluded the authors.

"The book, a beautifully printed one, should be read by every bacteriologist."--E. G. Hastings

ADVANCES IN ENZYMOLOGY AND RELATED SUBJECTS. Volume II. F. F. Nord and C. H. Werkman. Interscience Publishers, Inc., New York (1942) 374 pages. \$5.50

"The second volume of the 'Advances in Enzymology' is concerned more with the 'related subjects' than with enzymology proper. Only four out of twelve articles deal primarily with enzymes and their properties. The volume contains several reviews that should be of special interest to microbiologists. These include the articles on bacteriophage by Max Delbruck, on heterotrophic carbon dioxide assimilation by C. H. Werkman and H. G. Wood, on respiration, fermentation and growth in *Aspergillus* by H. Tamiya, and on cellulose decomposition by A. G. Norman and W. H. Fuller. Part of M. J. Johnson's paper on peptidases also refers specifically to microbial enzymes.

"Most of the reviews are written so as to be intelligible to non-specialists. They provide a comprehensive and authoritative though brief survey of the subjects under discussion. The book can be recommended to anyone wishing to follow the development of selected topics in this field without taking time to read the original literature. However, an adequate guide to the literature is provided by the fairly extensive bibliographies accompanying each article. About 20 per cent of the text is German, the remainder English."--H. A. Barker

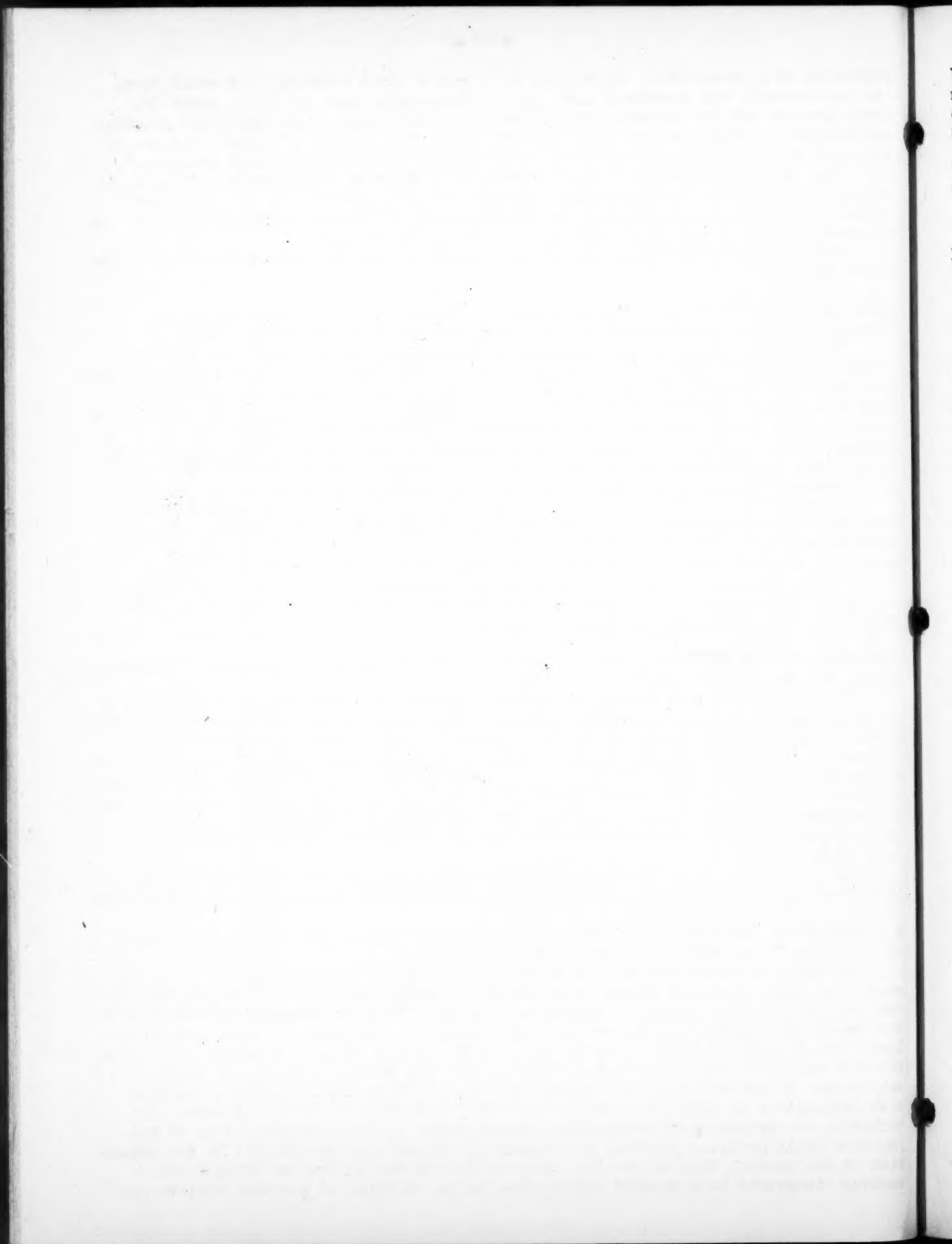
MEMORABLE DAYS IN MEDICINE. Paul F. and Alice Schiedt Clark. University of Wisconsin Press, Madison (1942) 305 pages. \$2.00

"Readers of the News Letter are already familiar with excerpts from this book which appeared for some time in the Letters. This compilation represents an enormous amount of work by the Clarks and it is regrettable that it will probably have only a limited appeal to the average reader. Being in calendar form, and of necessity rather fragmentary, it is a volume that one cannot pick up and enjoy reading for any length of time. However, the keen sense of humor of the authors is reflected in some of the biographical sketches, as for example in the reproduction of Lettson's motto: 'I, John Lettson Blisters, bleeds and sweats 'em; If, after that, they please to die, I, John, lets 'em.'

"As a reference book for medical libraries and museums and for those directly interested in the history of medicine, it should prove of extreme value."--C.E.Clifton

A SYMPOSIUM ON RESPIRATORY ENZYMES. Ball, Meyerhof, Lipman and others. University of Wisconsin Press, Madison (1942) 231 pages. \$3.00

"A number of books and reviews on Biological Oxidations have appeared in recent years, yet this admirable volume is an important contribution in that it presents the more recent work in a number of specialized fields. This informative presentation of the latest discoveries and theoretical developments in the study of respiratory enzymes should prove to be of value to the teacher, to the advanced student, and to the research worker in this and related fields. Lectures on the mechanism of biological oxidations, phosphorylation, transamination, and specific enzyme systems, together with discussions on hydrogen transport and the respiration of tumors, tissues, and bacteria, are presented by outstanding investigators in these fields. Some of the problems still awaiting solution and controversial subjects are brought to the attention of the reader, thus enlivening the presentation and tending to bring forth various viewpoints to a greater extent than in the majority of previous reviews and



books in this field. Each paper is followed by a fairly complete bibliography of the more important recent contributions to the particular field of study. Of human interest are the snapshots, reproduced throughout the book, of the participants in the Symposium."—C. E. Clifton

TEXTBOOK OF BACTERIOLOGY. T. B. Rice. W. B. Saunders Company, Philadelphia (1942) Third Edition, revised. 560 pages. \$5.00

"The book is very much the same as the second edition which appeared in 1938. In addition to bacteria, the spirochetes, rickettsiae, filterable viruses, fungi and protozoa are briefly described. About one-fifth of the book is devoted to immunology. The subject matter is presented clearly and from a practical standpoint, for which the author may be commended. On the other hand, the material is presented rather superficially, which possibly distracts from the usefulness of the book. The book fulfills the author's aims in presenting a short textbook which is expected to be supplemented with lectures and laboratory exercises. It is too brief, uncritical, and too many of the recent developments in the field of bacteriology have been omitted for the book to fulfill its intended value as a review for physicians or others who might wish to bring their knowledge of bacteriology up to date. For example, the author leads the reader to believe that the oral route of typhoid vaccination is highly recommendable, especially during times of disaster. The rapidity with which this type of vaccine can be handed out is emphasized rather than the efficiency of the material to produce immunity against typhoid fever.

"No references are cited as the author states that it is his experience that students do not use the bibliographies given in textbooks, a point which the reviewer can substantiate."—H. E. Morton

NEWS ABOUT OUR MEMBERS

Dr. John H. Bailey formerly associated with the Municipal Contagious Disease Hospital, Chicago, is now Research Bacteriologist for the Winthrop Chemical Company, Rensselaer, New York.

Dr. H. A. Barker, University of California, is now at the University of Wisconsin on a Guggenheim Fellowship. He spent part of his Fellowship at Harvard Medical School.

Professor J. M. Birkeland is newly elected Secretary-Treasurer of the Sigma Xi Chapter of the Ohio State University.

Mr. W. Blake Christensen, who for the past year has been at the Station Hospital, Camp Forrest, Tennessee, received a commission as First Lieutenant in the Army Sanitary Corps and was transferred to Fitzsimmons General Hospital, Denver, Colorado.

Dr. F. E. Colien has been called to active duty, Major, Sanitary Section, Medical Corps Reserve, and is assigned to duty at Fort Lewis, Washington, in the Medical Laboratory.

Dr. W. V. Cruess of the University of California has been awarded the Nicholas Appert Medal for outstanding contributions to food technology, given by the Chicago Section of the Institute of Food Technologists.

Dr. Rene J. Dubos has been appointed George Fabyan Professor Comparative Pathology and Professor of Tropical Medicine at the Harvard Medical School. He received an honorary Doctor of Science degree from Harvard University June 11, 1942.

Dr. Alice C. Evans of the National Institute of Health, Bethesda, was the annual speaker at the Sigma Xi meeting at Wellesley College, Wellesley, on April 28. Her subject was "Brucellosis".

Dr. E. Michael Foster, University of Texas, received an appointment as First Lieutenant in the Army Sanitary Corps, and has proceeded to New York.

Dr. C. N. Frey, Director of Research of the Fleischmann Laboratory of Standard Brands, Inc., was elected Chairman of the New York Section of the American Chemical Society at the annual meeting on May 8.

Professor E. G. Hastings, University of Wisconsin, received an honorary Doctor of Science degree from Ohio State University on June 15. He is an alumnus of Ohio State University, class of 1898.

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Dr. Michael Heidelberger of the College of Physicians and Surgeons, Columbia University, gave lectures on "Modern Concepts of Immunity and the Part of Chemistry in Their Development" at the University of Wisconsin under the auspices of the Wisconsin Alumni Research Foundation and the Biological Division of the Graduate School Faculty.

Dr. M. A. Jacobson is now in the Medical Corps of the Navy as Lieutenant Commander, stationed at the Navy Pier, Chicago.

Dr. Joseph McFarland, Emeritus Professor of Pathology of the University of Pennsylvania School of Medicine, was presented on May 7 with the 1941 Strittmater Award of the Philadelphia County Medical Society.

The Mead Johnson and Company Prize of \$1,000.00 was awarded by the American Institute of Nutrition to Dr. G. R. Cowgill for researches dealing with B-complex vitamins.

The 1942 Eli Lilly Prize of \$1,000.00 in biological chemistry was awarded by the American Chemical Society to Dr. Earl A. Evans, in recognition of his work on the role of carbon dioxide in the animal body.

Dr. Maxwell L. Littman, First Lieutenant in the Sanitary Corps of the United States Army was recently transferred from the Tilton General Hospital, Fort Dix, New Jersey, where he has served over the past year as Chief of Bacteriology and Serology to the Fifth Medical Laboratory, Third Army, at Fort Sam Houston, Texas.

Dr. John H. Mueller has been named Professor of Bacteriology and Immunology in the Harvard Medical School. He will also take charge of the Department at the Medical School and at the School of Hygiene and Public Health.

Parke, Davis and Company and Eli Lilly and Company have offered to sponsor, jointly, in the amount of \$4,000.00 each, research on ergot substitutes directed by Professor F. F. Blicke of the University of Michigan.

Lt. Col. T. B. Turner, Medical Reserve Corps, United States Army, Professor of Bacteriology at the Johns Hopkins School of Hygiene and Public Health, has been ordered to active duty in the Surgeon General's Office, Washington, D. C., as Chief of the subdivision of venereal disease control.

Dr. S. A. Waksman and Dr. Michael Heidelberger were elected to membership in the National Academy of Sciences at the regular annual meeting in the building of the Academy and the National Research Council on April 27 and 28.

Mr. Joe B. Wilson, University of Wisconsin, received an appointment as First Lieutenant in the Army Sanitary Corps, and has proceeded to New Orleans.

IN MEMORIAM

Alfred E. How
1910 - 1941

Mr. Alfred E. How, born in St. Louis, Missouri, graduated from Cleveland High School there, and received a Bachelor of Arts degree from Washington University, St. Louis, in 1935. In 1938 he continued his studies as a graduate student in bacteriology at Washington University School of Medicine until his death, holding the position of Assistant in Applied Bacteriology in Ophthalmology. He had been a laboratory assistant in the Department of Ophthalmology in 1929.

Mr. How is survived by his wife, Helen Blake How, and two children. He was an Associate Member of Sigma Xi and a member, since 1939, of the Society of American Bacteriologists.

We deeply regret his death.

Albert Kramer Krause
1881 - 1941

"Died May 12, 1941, Doctor Allen Kramer Krause, physician and scientist in the field of tuberculosis. He is best known to bacteriologists for his careful experimental work on the relationship between allergy and immunity in tuberculosis, and

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very important document, as it contains the President's annual message to Congress. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

2. The second part of the document is a letter from the Secretary of the Interior to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the Interior. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

3. The third part of the document is a letter from the Secretary of the Treasury to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the Treasury. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

4. The fourth part of the document is a letter from the Secretary of the War to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the War. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

5. The fifth part of the document is a letter from the Secretary of the Navy to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the Navy. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

6. The sixth part of the document is a letter from the Secretary of the State to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the State. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

7. The seventh part of the document is a letter from the Secretary of the War to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the War. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

8. The eighth part of the document is a letter from the Secretary of the Navy to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the Navy. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

9. The ninth part of the document is a letter from the Secretary of the State to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the State. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

10. The tenth part of the document is a letter from the Secretary of the War to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the War. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

11. The eleventh part of the document is a letter from the Secretary of the Navy to the President, dated January 3, 1862. It is a very important document, as it contains the Secretary's report to the President on the state of the Department of the Navy. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

for his clear presentation of this incompletely solved problem.

"He had been on the editorial board of the American Review of Tuberculosis from 1922 until illness forced him to resign in 1938.

"He had served successively as an Instructor in Pathology at John Hopkins University; as Assistant Director of the Saranac Laboratory at Saranac Lake; as Associate Professor of Medicine at Johns Hopkins University, Director of the Kenneth Dows Tuberculosis Research Laboratories and Associate Physician at Johns Hopkins Hospital, and Physician in Charge of the Phipps Tuberculosis Dispensary; and as President and Director of the Desert Sanatorium in Tucson, Arizona."--W. B. Sarles

Emerson Megrail
1890 - 1941

"Emerson Megrail, associate professor of hygiene and bacteriology in Western Reserve University Medical School, died at his home in Cleveland Heights, Ohio, on October 21, 1941, after a brief illness.

"Doctor Megrail received the degree of Bachelor of Arts from Adelbert College of Western Reserve University in 1912, the degree of Doctor of Medicine in 1915 from the Medical School, and the degree of Master of Arts in 1922 from the Graduate School of Western Reserve University. After his graduation in medicine, he served as interne at the Childrens Hospital in Boston. After a brief period in the practice of medicine he served as first lieutenant and then captain in the Medical Corps, United States Army. He was appointed instructor in hygiene and bacteriology in the School of Medicine of Western Reserve University in 1919, senior instructor in 1922, assistant professor in 1924, and associate professor in 1934. From 1934 until his death he was also consultant director of laboratories of the division of health of the City of Cleveland.

"The publications of Doctor Megrail embrace the fields of bacteriology, immunology, public health, and the filterable viruses.

"Doctor Megrail was a fellow of the American Medical Association, the American Public Health Association, and the American Association for the Advancement of Science. He was a member of the Society of American Bacteriologists and the Society for Experimental Biology and Medicine as well as a member of the Society of the Sigma Xi.

"We deeply regret his death."--Robert F. Parker

MISCELLANEOUS ITEMS

"The Employment Bureau of the Society finds that there is an increasing number of vacancies for positions as bacteriologists in academic, medical and industrial work. Some of the openings cannot be filled for lack of suitable candidates or those trained in special types of work. It would greatly assist the efforts of the Bureau to fill vacancies and to obtain positions if a larger number of applications were on hand. A blank for registering with the Bureau is enclosed with this copy of the News Letter, for two reasons. First, if you know of anyone who might be interested in changing his position or applying for a better position or in securing a position, please suggest that he fill out the blank. Additional blanks may be readily obtained, of course, by writing to the Director of the Bureau. A second reason for sending these blanks to all members of the Society is to let them have a better idea of the manner in which the Employment Bureau may be of use to them either in a capacity of prospective employer or of a candidate for a position."--F. H. Johnson, Director, Department of Biology, Princeton University, Princeton, New Jersey

The Institute of Food Technology held its Third Annual Meeting at the Nicollet Hotel, Minneapolis, on June 15-17. Officers are as follows: Retiring President, Dr. S. C. Prescott; President, Dr. L. V. Burton; Vice President, Dr. E. H. Harvey; Secretary-Treasurer, Dr. G. J. Hucker. About 24 papers were given by individuals trained or experienced in the manufacture, preservation, and handling of food, and a round-table session was held for the discussion of ways and means of converting idle

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or adaptable plant production capacity to the making of products essential to war.

The Pacific Division of the American Association for the Advancement of Science held its 26th annual meeting, and the 111th meeting of the Association, at Salt Lake City from June 15 to 20. It was sponsored by the Utah Academy of Sciences, Arts and Letters, the Utah State Agricultural College, the Brigham Young University, the Weber Junior College and the University of Utah. Officers are: President, D. R. Hoagland; Vice President, Roy E. Clausen; Secretary-Treasurer, J. Murray Luck.

The American Library Service, 117 West 48 Street, New York, wants the membership to know that they specialize in out-of-print books and magazines, on all subjects, and in all languages.

For Sale: JOURNAL OF BACTERIOLOGY--Vol. 30, and Vols. 35 to 40 inclusive; Vol. 30, #4; Vol. 36, #4; Vol. 41, #1.

Wanted: JOURNAL OF BACTERIOLOGY--Vol. 20, #3 and 6.

Changes of addresses from those printed in the 1941 Directory or the News Letter:

Alford, John A., Clinton, Mississippi
Allen, James H., 2237 Meadowbrook Drive, Cedar Rapids, Iowa
Bailey, John H., Nassau, New York
Baldwin, D. M., 3702 Walnut Street, Philadelphia, Pennsylvania
Bass, Alma F., Pathology Dept., Charity Hospital, New Orleans, Louisiana
Bengtson, Ida A., National Institute of Health, Bethesda, Maryland
Botwright, W. E., 300 North Dean Street, Bay City, Michigan
Buck, Theodore C., Jr., 3514 Clifton Avenue, Baltimore, Maryland
Carliquist, P. R., 5th Medical Laboratory, Ft. Sam Houston, Texas
Cartwright, K. L., Yeast Sales Division, Anheuser-Busch, Inc., St. Louis, Missouri
Chinn, Alice L., Rocky Mountain Laboratory, Hamilton, Montana
Christensen, W. Blake, Fitzsimons General Hospital, Denver, Colorado
Coblentz, J. M., Station Hospital, Fort Ord, California
Coffee, W. B., Dept. of Agr. Bact., University of Wisconsin, Madison, Wisconsin
Costigan, Stella M., St. Mary of the Angels, 1100 Bellevue Avenue, St. Louis, Mo.
Elion, Eduard, 304 Southway, Baltimore, Maryland
Ewing, William H., Post office Box 33, Washington, Pennsylvania
Farrar, F. W., U. S. S. San Diego, c/o Fleet P. O., San Francisco, California
Forster, George F., Illinois Department of Public Health, 1800 W. Fillmore St., Chicago, Illinois
Fothergill, LeRoy D., Medical School, Naval Medical Center, Bethesda, Maryland
Fritchley, John E., 1130, 16 Street, Northwest, Canton, Ohio
Gallagher, F. H., 6110 North Broadway Street, Philadelphia, Pennsylvania
Getchell, John S., 175 Fairfield Street, Oakland, Maine
Gottson, Elizabeth M., 1306 Hayes Avenue, Fremont, Ohio
Gummel, E. F., 1915 Rockwood Road, Silver Spring, Maryland
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